

DRAWING NUMBER
M-2

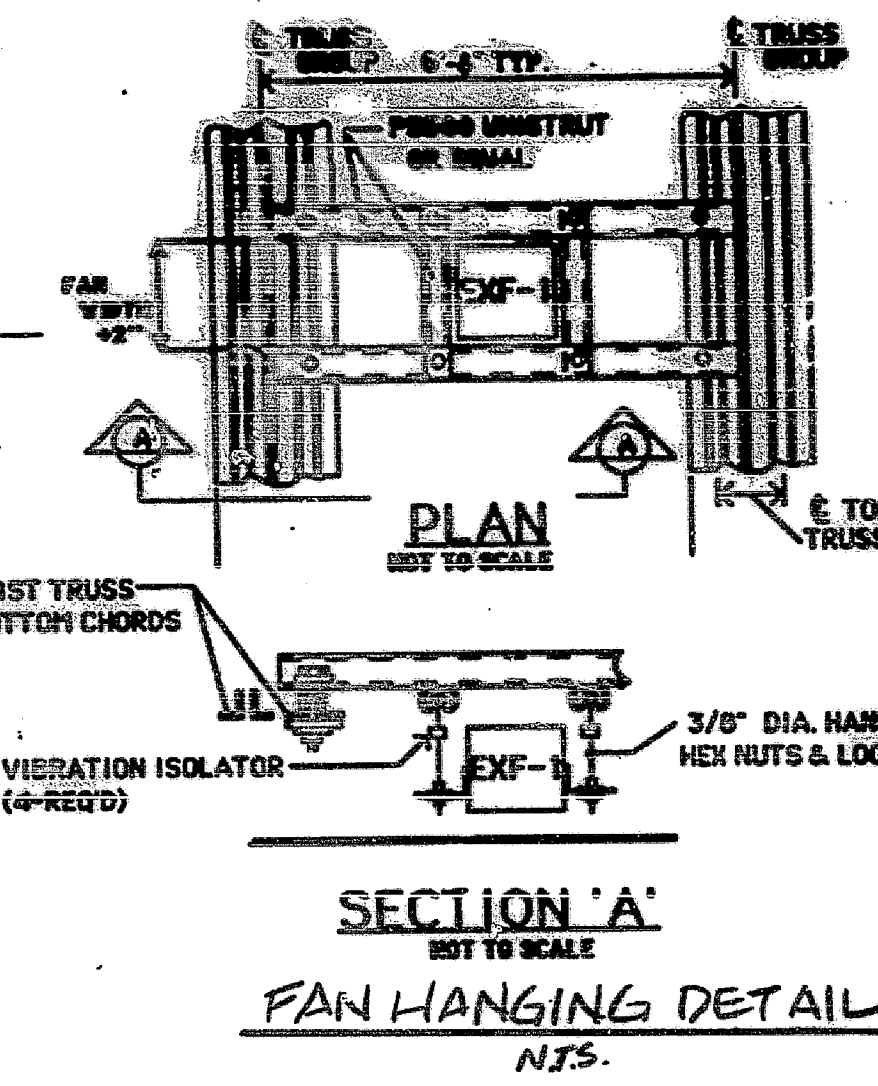
DRAWING NUMBER
M-2

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LEGEND

- EXISTING HALON PURGE DUCTWORK
- EXISTING BASE BUILDING DUCTWORK
- EXISTING DUCTWORK TO BE REMOVED
- RELOCATED DOUBLE POUCH
- EXISTING DOUBLE POUCH TO REMAIN
- EXISTING DOUBLE POUCH TO BE RELOCATED
- EXISTING SINGLE POUCH TO REMAIN
- EXISTING SUPPLY AIR DIFFUSER TO BE REMOVED
- EXISTING EXHAUST FAN TO BE REMOVED
- CONDENSER WATER SUPPLY
- CONDENSER WATER RETURN
- CONDENSATE DRAIN PIPING
- COLD WATER SUPPLY
- NEW GATE VALVE
- EXISTING GATE VALVE
- EXISTING THERMOSTAT TO BE REMOVED
- EXISTING FULL CAPACITY INDUCTION UNIT
- EXISTING 1/2 CAPACITY INDUCTION UNIT TO REMAIN
- EXISTING 1 1/2 CAPACITY INDUCTION UNIT TO REMAIN
- EXISTING 1/2 CAPACITY INDUCTION UNIT TO BE INCREASED TO FULL CAPACITY
- F.P. FIRE DAMPER
- A.T.P. AIR TRANSFER DAMPER
- A.B. ACCESS DOOR
- EXISTING MOTORIZED DAMPER TO REMAIN
- EXISTING MOTORIZED DAMPER TO BE REMOVED
- CFM
- ROOM NUMBER
- NEW 2'x2' RETURN AIR GRILLE
- VACUUM BREAKER
- NEW MOTORIZED DAMPER



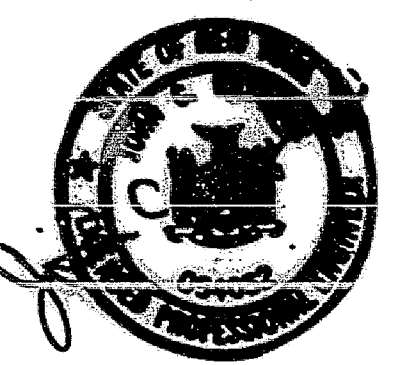
NOTES
1. SEE DRAWING M-1 FOR AC UNIT PIPING DETAIL.
2. THE CONTRACTOR SHALL SCHEDULE AND PERFORM A "DOOR TEST" IN THE PRESENCE OF THE ENGINEER AND THE PORT AUTHORITY TO ASSURE THE AIR TIGHTNESS OF THE HALON PROTECTED AREA.
3. IF TEST FAILS, CORRECTIVE MEASURES MUST BE TAKEN UNTIL THE AREA HAS PASSED THE TEST IN THE OPINION OF BOTH THE P.A. AND ENGINEER.

ACWS, ACWR, COND. DRAIN & C.W. PIPING RUN FROM EXISTING VALVES & DRAIN LINES ABOVE PLUMB OVER TO THIS LOCATION AND RUN DOWN TIGHT TO WALL TO BELOW RAISED FLOOR.

NEW 1/2" CUP WATER (C.W.) PIPING, GATE VALVE & CAPPED FUTURES

CONNECT TO EXIST. 3" ACWS & 3" ACWR VALVES & 1" COND. DRAIN TO SLOP SINK IN JANITOR'S CLOSET (EXIST)

KEY PLAN
NO SCALE



VENTILATION INDEX									
NO.	AREA	AREA	REQ. SUP.	REQ. SUP.	REQ. SUP.	REQ. SUP.	ACT. SUP.	ACT. SUP.	ACT. SUP.
1	1200	5	9154	4220	480	480	0.4	0.4	0.5
2	1220	3	1202.5	7117	480	480	0.4	0.4	0.9
3	60	0	0	0	0	0	0	0	0
4	Existing computer room no change								

#2

REVISED TO COORDINATE WITH T.A.A. # 98031 (P)

6-13-92

#1

REVISED AS PER P.A. COMMENTS

5-6-92

REV. NO.

DESCRIPTION

DATE

Cantor Fitzgerald Securities

One World Trade Center Floor 104

New York, NY 10048

MECHANICAL PLAN, V.I. & LEGEND

John C. Westrick & Associates

CONSULTING ENGINEERS

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SCALE: 1/4" = 1'-0"

DOWN BY: PE

CHK'D BY: JCW

DATE: 2/28/92

JOB NO. 92104

M-2